

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	BE-SB/MW06 (25')			F-SB/MW01 (25')			H-SBMW01 (25')			H-MW02 (25')			H-SBMW03 (25')			H-MW04 (25')			H-MW05 (25')			H-MW05 (25')			H-SB/MW06 (25')			J-SB/MW02 (25')		
	Sample Number	BE-SB/MW06-GW-040102	F-SB/MW01-GW-040102	H-SBMW01-GW-032502	H-MW02-GW-032502	H-SBMW03-GW-032502	H-MW04-GW-032802	H-MW05-GW-032502	H-MW05-GWD-032502	H-SBMW06-GW-032502	J-SBMW02-GW-032502																				
Round No. 1 (3-19-02 through 4-1-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ			
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,1,1-Trichloroethane	200	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,1-Dichloroethane	80	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,1-Dichloroethene	7	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2-Dibromoethane (EDB)	0.000075	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2-Dichlorobenzene	27	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2-Dichloroethane	0.12	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,2-Dichloropropane	0.16	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,3-Dichlorobenzene	18	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U	R,r	150	U	R,r	150	U		150	U	UJ,c	150	U	R,r	150	U	R,r	150	U	R,r	150	U	R,r
2-Butanone (MEK)	190	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
2-Hexanone	150	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
Acetone	61	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
Acetonitrile	12	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
Acrolein	0.0042	20	U		20	U		20	U	R,r	20	U	R,r	20	U		20	U	UJ,c	20	U	R,r	20	U	R,r	20	U	R,r	20	U	R,r
Acrylonitrile	0.037	20	U		20	U		20	U	R,r	20	U	R,r	20	U		20	U	UJ,c	20	U	R,r	20	U	R,r	20	U	R,r	20	U	R,r
Allyl Chloride	5	U			5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Benzene	0.32	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Bromodichloromethane	0.17	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Bromoform	8.5	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Bromomethane	0.85	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Carbon Disulfide	100	5.7	J,r		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Carbon Tetrachloride	0.16	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Chlorobenzene	11	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Chloroethane	3.6	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Chloroform	0.627	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Chloromethane	2.1	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Chloroprene	5	U			5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
cis-1,3-Dichloropropene	0.44	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Dibromochloromethane	0.13	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Dibromomethane	5	U			5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Dichlorodifluoromethane	35	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Ethyl Methacrylate	55	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Ethylbenzene	3.3	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Iodomethane	5	U			5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Isobutanol	180	40	U		40	U		40	U	R,r	40	U	R,r	40	U		40	U	R,r	40	U	R,r	40	U	R,r	40	U	R,r	40	U	R,r
Methacrylonitrile	0.1	10	U		10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
Methyl Methacrylate	140	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Methylene Chloride	4.1	5	U		5	U		5	U	R,r	5	U	R,r	5	U		5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Methyl-tert-butyl ether	2.6	2	U		2	U		2	U	R,r	2	U	R,r	2	U		2	U	R,m	2	U	R,r	2	U	R,r	2	U	R,r	2	U	R,r
Propionitrile	10	U			10	U		10	U	R,r	10	U	R,r	10	U		10	U	UJ,c	10	U	R,r	10	U	R,r	10	U	R,r	10	U	R,r
Styrene	100	5	U		5	U		5	U	R,r	5																				

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Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	J-SB/MW07 (25')			J-SB/MW08 (25')			J-SB/MW10 (25')			J-SB/MW10 (25')			J-SB/MW12 (25')			J-SB/MW12 (25')			J-SB/MW13 (25')			J-SB/MW14 (25')			J-SB/MW15 (25')					
		Sample Number	J-SBMW07-GW-032702	J-SBMW08-GW-032502	J-SBMW10-GW-032502	No Duplicate Sample	J-SBMW12-GW-032502	J-SBMW12-GWD-032502	J-SBMW13-GW-032702	J-SBMW14-GW-032802	J-SBMW15-GW-032702	K-SBMW01-GW-032702																			
Round No. 1 (3-19-02 through 4-1-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value (µg/L)	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ			
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,1,1-Trichloroethane	200	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,1,2-Trichloroethane	0.19	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,1-Dichloroethane	80	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,1-Dichloroethene	7	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2,3-Trichloropropane	0.0053	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2-Dichlorobenzene	27	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2-Dichloroethane	0.12	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,2-Dichloropropane	0.16	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,3-Dichlorobenzene	18	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,4-Dichlorobenzene	0.47	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U	R,r	150	U	R,r	ANP			150	U	R,r	150	U	R,r	150	U	R,r	150	U	UJ,c	150	U		150	U	UJ,c
2-Butanone (MEK)	190	10	U		10	U	R,r	10	U	R,r	ANP			10	U	R,r	10	U	R,r	10	U	R,r	10	U	UJ,c	10	U		10	U	UJ,c
2-Hexanone	150	10	U		10	U	R,r	10	U	R,r	ANP			10	U	R,r	10	U	R,r	10	U	R,r	10	U	UJ,c	10	U		10	U	
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U	R,r	10	U	R,r	ANP			10	U	R,r	10	U	R,r	10	U	R,r	10	U	UJ,c	10	U		10	U	
Acetone	61	10	U		10	U	R,r	10	U	R,r	ANP			10	U	R,r	10	U	R,r	10	U	R,r	10	U	UJ,c	10	U		10	U	UJ,c
Acetonitrile	12	10	U		10	U	R,r	10	U	R,r	ANP			10	U	R,r	10	U	R,r	10	U	R,r	10	U	UJ,c	10	U		10	U	UJ,c
Acrolein	0.0042	20	U		20	U	R,r	20	U	R,r	ANP			20	U	R,r	20	U	R,r	20	U	R,r	20	U	UJ,c	20	U		20	U	UJ,c
Acrylonitrile	0.037	20	U		20	U	R,r	20	U	R,r	ANP			20	U	R,r	20	U	R,r	20	U	R,r	20	U		20	U		20	U	
Allyl Chloride	5	U			5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Benzene	0.32	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Bromodichloromethane	0.17	5	U		5	U	R,r	5	U	R,r	ANP			8.3		J,r	8.9		J,r	5	U	R,r	5	U	R,r	5	U	R,r	5	U	R,r
Bromoform	8.5	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Bromomethane	0.85	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Carbon Disulfide	100	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Carbon Tetrachloride	0.16	5	U		5	U	R,r	5	U	R,r	ANP			5	U	R,r	5	U	R,r	5	U	R,r									
Chlorobenzene	11	5	U																												

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Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	MN-SB/MW01 (20')			MN-SB/MW02 (21')			MN-SB/MW05 (20')			MN-SB/MW06 (20')			MN-SB/MW07 (21')			MN-SB/MW08 (24')			MN-SB/MW09 (20')			MN-SB/MW09 (20')			MN-SB/MW10 (20')			MW02 (19')		
	Sample Number	MN-SBMW01-GW-032102	MN-SBMW02-GW-032102	MN-SBMW05-GW-032202	MN-SBMW06-GW-032702	MN-SBMW07-GW-032202	MN-SBMW08-GW-032102	MN-SBMW09-GW-031902	No Duplicate Sample			MN-SBMW10-GW-031902	MW02-GW-032702																		
Round No. 1 (3-19-02 through 4-1-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ			
1,1,1,2-Tetrachloroethane	0.41	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,1,1-Trichloroethane	200	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,1,2,2-Tetrachloroethane	0.053	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,1,2-Trichloroethane	0.19	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,1-Dichloroethane	80	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,1-Dichloroethylene	7	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2,3-Trichloropropane	0.0053	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2-Dibromo-3-chloropropane	0.2	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2-Dibromoethane (EDB)	0.00075	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2-Dichlorobenzene	27	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2-Dichloroethane	0.12	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,2-Dichloropropane	0.16	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,3-Dichlorobenzene	18	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,4-Dichlorobenzene	0.47	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
1,4-Dioxane (p-Dioxane)	6.1	150	U	UJ,s	150	U	UJ,s	150	U		150	U	UJ,c	150	U	UJ,s	150	U	R,c	ANP			150	U	R,c	150	U	UJ,c			
2-Butanone (MEK)	190	10	U	UJ,s	10	U	UJ,s	10	U		10	U	UJ,c	10	U	UJ,s	10	U	R,c	ANP			10	U	R,c	10	U	UJ,c			
2-Hexanone	150	10	U	UJ,s	10	U	UJ,s	10	U		10	U		10	U	UJ,s	10	U	R,c	ANP			10	U	R,c	10	U				
4-Methyl-2-pentanone (MIBK)	14	10	U	UJ,s	10	U	UJ,s	10	U		10	U		10	U	UJ,s	10	U	R,c	ANP			10	U	R,c	10	U				
Acetone	61	10	U	UJ,s	10	U	UJ,s	10	U		10	U	UJ,c	10	U	UJ,s	10	U	R,c	ANP			10	U	R,c	10	U	UJ,c			
Acetonitrile	12	10	U	UJ,s	10	U	UJ,s	10	U		10	U	UJ,c	10	U	UJ,s	10	U	R,c	ANP			10	U	R,c	10	U	UJ,c			
Acrolein	0.0042	20	U	UJ,s	20	U	UJ,s	20	U		20	U	UJ,c	20	U	UJ,s	20	U	R,c	ANP			20	U	R,c	20	U	UJ,c			
Acrylonitrile	0.037	20	U	UJ,s	20	U	UJ,s	20	U		20	U	UJ,c	20	U	UJ,s	20	U	R,c	ANP			20	U	R,c	20	U				
Allyl Chloride	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U					
Benzene	0.32	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Bromodichloromethane	0.17	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Bromoform	8.5	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Bromomethane	0.85	5	U	UJ,c	5	U	UJ,c	5	U		5	U		5	U	UJ,c	5.9	J,c	ANP				5	U	R,c	5	U				
Carbon Disulfide	100	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Carbon Tetrachloride	0.16	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Chlorobenzene	11	5	U	UJ,s	5	U	UJ,s	5	U		5	U		5	U	UJ,s	5	U	R,c	ANP			5	U	R,c	5	U				
Chloroethane	3.6	5	U	UJ,s	5	U	UJ,s	5	U</td																						

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	O2-SB/MW05 (25')			O2-SB/MW06 (20')			O2-SB/MW07 (26')			O2-SB/MW09 (25')			SF-SB/MW01 (21')			SF-SB/MW02 (20')		
		Sample Number	O2-SBMW05-GW-032102	O2-SBMW06-GW-032102	O2-SBMW07-GW-031902	O2-SBMW09-GW-031902	SF-SBMW01-GW-031902	SF-SBMW02-GW-031902											
Round No. 1 (3-19-02 through 4-1-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value (µg/L)	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ
1,1,1,2-Tetrachloroethane	0.41	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,1,1-Trichloroethane	200	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,1,2,2-Tetrachloroethane	0.053	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,1,2-Trichloroethane	0.19	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,1-Dichloroethane	80	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,1-Dichloroethene	7	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2,3-Trichloropropane	0.0053	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2-Dibromo-3-chloropropane	0.2	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2-Dibromoethane (EDB)	0.00075	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2-Dichlorobenzene	27	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2-Dichloroethane	0.12	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,2-Dichloropropane	0.16	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,3-Dichlorobenzene	18	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,4-Dichlorobenzene	0.47	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
1,4-Dioxane (p-Dioxane)	6.1	150	U	UJ,s	150	U	UJ,s	150	U	R,c	150	U	R,c	150	U	R,c	150	U	R,c
2-Butanone (MEK)	190	10	U	UJ,s	10	U	UJ,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c
2-Hexanone	150	10	U	UJ,s	10	U	UJ,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c
4-Methyl-2-pentanone (MIBK)	14	10	U	UJ,s	10	U	UJ,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c
Acetone	61	10	U	UJ,s	24	J,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c	
Acetonitrile	12	10	U	UJ,s	10	U	UJ,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c
Acrolein	0.0042	20	U	UJ,s	20	U	UJ,s	20	U	R,c	20	U	R,c	20	U	R,c	20	U	R,c
Acrylonitrile	0.037	20	U	UJ,s	20	U	UJ,s	20	U	R,c	20	U	R,c	20	U	R,c	20	U	R,c
Allyl Chloride	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c	
Benzene	0.32	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Bromodichloromethane	0.17	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Bromoform	8.5	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Bromomethane	0.85	5	U	UJ,c	5	U	UJ,c	5	U	R,c	5.2	J,c	5	U	R,c	5	U	R,c	
Carbon Disulfide	100	5	U	UJ,s	5	U	UJ,s	5	U	R,c	7.2	J,c	5	U	R,c	5	U	R,c	
Carbon Tetrachloride	0.16	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Chlorobenzene	11	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Chloroethane	3.6	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Chloroform	0.627	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Chloromethane	2.1	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Chloroprene	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c	
cis-1,3-Dichloropropene	0.44	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Dibromochloromethane	0.13	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Dibromomethane	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c	
Dichlorodifluoromethane	35	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Ethyl Methacrylate	55	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Ethylbenzene	3.3	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Iodomethane	5	U	UJ,c	5	U	UJ,c	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c	
Isobutanol	180	40	U	UJ,c	40	U	UJ,c	40	U	R,c	40	U	R,c	40	U	R,c	40	U	R,c
Methacrylonitrile	0.1	10	U	UJ,s	10	U	UJ,s	10	U	R,c	10	U	R,c	10	U	R,c	10	U	R,c
Methyl Methacrylate	140	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Methylene Chloride	4.1	5	U	UJ,s	5	U	UJ,s	5	U	R,c	5	U	R,c	5	U	R,c	5	U	R,c
Methyl-tert-butyl ether	2.6	2	U	UJ,s	2	U	UJ,s	2	U	R,c	2	U	R,c	2	U	R,c	2	U	R,c
Propionitrile	10	U	UJ,s	10	U	UJ,s	10	U</											

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	BE-SB/MW06 (25')			F-SB/MW01 (25')			H-SBMW01 (25')			H-MW02 (25')			H-SBMW03 (25')			H-MW04 (25')			H-MW05 (25')			H-SB/MW06 (25')			J-SB/MW02 (25')		
		Sample Number	BE-SB/MW06-GW-070802	F-SB/MW01-GW-070902	H-SBMW01-GW-071602	H-MW02-GW-071702	H-SBMW03-GW-071802	H-MW04-GW-071602	H-MW05-GW-071602	No Duplicate Sample	H-SBMW06-GW-071702	J-SBMW02-GW-071502																
Round No. 2 (7-8-02 through 7-18-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value (µg/L)	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,1,1-Trichloroethane	200	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,1-Dichloroethane	80	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,1-Dichloroethylene	7	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2-Dichlorobenzene	27	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2-Dichloroethane	0.12	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,2-Dichloropropane	0.16	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,3-Dichlorobenzene	18	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U		150	U		150	U		150	U		ANP			150	U		150	U	
2-Butanone (MEK)	190	10	U	R,I	10	U	R,I	10	U		10	U		10	U		10	U		ANP			10	U		10	U	
2-Hexanone	150	10	U		10	U		10	U		10	U		10	U		10	U		ANP			10	U		10	U	
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U		10	U		10	U		10	U		ANP			10	U		10	U	
Acetone	61	10	U		10	U		10	U		10	U		10	U		10	U		ANP			10	U		10	U	
Acetonitrile	12	10	U		10	U		10	U		10	U		10	U		10	U		ANP			10	U		10	U	
Acrolein	0.0042	20	U	UJ,c	20	U	UJ,c	20	U		20	U		20	U		20	U		ANP			20	U		20	U	
Acrylonitrile	0.037	20	U		20	U		20	U		20	U		20	U		20	U		ANP			20	U		20	U	
Allyl Chloride	5	U			5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Benzene	0.32	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Bromodichloromethane	0.17	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Bromoform	8.5	5	U	R,I	5	U	R,I	5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Bromomethane	0.85	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Carbon Disulfide	100	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		UJ,c	5	U
Carbon Tetrachloride	0.16	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Chlorobenzene	11	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Chloroethane	3.6	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Chloroform	0.627	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Chloromethane	2.1	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Chloroprene	5	U			5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
cis-1,3-Dichloropropene	0.44	5	U		5	U		5	U		5	U		5	U		5	U		ANP			5	U		5	U	
Dibromochlorometh																												

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	J-SB/MW07 (25')			J-SB/MW08 (25')			J-SB/MW10 (25')			J-SB/MW10 (25')			J-SB/MW12 (25')			J-SB/MW12 (25')			J-SB/MW13 (25')			J-SB/MW14 (25')			J-SB/MW15 (25')			K-SB/MW01 (25')			
		Sample Number	J-SBMW07-GW-071502	J-SBMW08-GW-071502	J-SBMW10-GW-071802	J-SBMW10-GW-071802	J-SBMW12-GW-071502	No Duplicate Sample	J-SBMW13-GW-071502	J-SBMW14-GW-071502	J-SBMW15-GW-071602	K-SBMW01-GW-071702																				
Round No. 2 (7-8-02 through 7-18-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value (µg/L)	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	Result (µg/L)	LQ	VQ	
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,1,1-Trichloroethane	200	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,1-Dichloroethane	80	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,1-Dichloroethylene	7	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2-Dichlorobenzene	27	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2-Dichloroethane	0.12	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,2-Dichloropropane	0.16	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,3-Dichlorobenzene	18	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U		150	U		ANP			150	U														
2-Butanone (MEK)	190	10	U		10	U		10	U		10	U		ANP			10	U														
2-Hexanone	150	10	U		10	U		10	U		10	U		ANP			10	U														
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U		10	U		ANP			10	U														
Acetone	61	10	U		10	U		10	U		10	U		ANP			10	U														
Acetonitrile	12	10	U		10	U		10	U		10	U		ANP			10	U														
Acrolein	0.0042	20	U		20	U		20	U		20	U		ANP			20	U														
Acrylonitrile	0.037	20	U		20	U		20	U		20	U		ANP			20	U														
Allyl Chloride	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U			
Benzene	0.32	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Bromodichloromethane	0.17	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Bromoform	8.5	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Bromomethane	0.85	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Carbon Disulfide	100	5	U		5	U		5	U		UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c
Carbon Tetrachloride	0.16	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Chlorobenzene	11	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Chloroethane	3.6	5	U		5	U		5	U		5	U		ANP			5	U		5	U		5	U		5	U		5	U		
Chloroform	0.627	5	U		5																											

Table 3-13 (Rev 1)
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Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	MN-SB/MW01 (20')			MN-SB/MW02 (21')			MN-SB/MW05 (20')			MN-SB/MW06 (20')			MN-SB/MW07 (21')			MN-SB/MW08 (24')			MN-SB/MW09 (20')			MN-SB/MW09 (20')			MN-SB/MW10 (20')			MW02 (19')		
	Sample Number	MN-SBMW01-GW-071502	MN-SBMW02-GW-071502	MN-SBMW05-GW-071502	MN-SBMW06-GW-071502	MN-SBMW07-GW-071602	MN-SBMW08-GW-071602	MN-SBMW09-GW-071602	MN-SBMW09-GW-071602	MN-SBMW10-GW-071602	MN-SBMW10-GW-071602	MW02-GW-071702																			
Round No. 2 (7-8-02 through 7-18-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ			
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,1-Trichloroethane	200	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1-Dichloroethane	80	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichlorobenzene	27	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloroethane	0.12	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloropropane	0.16	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,3-Dichlorobenzene	18	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U	
2-Butanone (MEK)	190	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
2-Hexanone	150	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acetone	61	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acetonitrile	12	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acrolein	0.0042	20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U	
Acrylonitrile	0.037	20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U	
Allyl Chloride	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
Benzene	0.32	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromodichloromethane	0.17	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromoform	8.5	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromomethane	0.85	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Carbon Disulfide	100	5	U		5	U		5	U		5	U		40			5	U		5	U		5	U		5	U		5	U	
Carbon Tetrachloride	0.16	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chlorobenzene	11	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroethane	3.6	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroform	0.627	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloromethane	2.1	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroprene	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
cis-1,3-Dichloropropene	0.44	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Dibromochloromethane	0.13	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Dibromomethane	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
Dichlorodifluoromethane	35	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Ethyl Methacrylate	55	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Ethylbenzene	3.3	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Iodomethane	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	
Isobutanol	180	40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U	
Methacrylonitrile	0.1	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Methyl Methacrylate	140	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Methylene Chloride	4.1	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Methyl-tert-butyl ether	2.6	2	U		2	U		2	U		2	U		2	U		2	U		4700			4800			2	U		2	U	
Propionitrile	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		
Styrene	100	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Tetrachloroethene	0.63	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c
Toluene	75	5	U		5	U		5	U		5	U	</td																		

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Samolina	Monitoring Well (well depth)	MW14R (24')			MW21 (24')			N3-SB/MW02 (20')			N3-SB/MW03 (20')			O1-SB/MW02 (20')			O1-SB/MW09 (21')			O1-SB/MW10 (20')			O2-SB/MW01 (24')			O2-SB/MW01 (24')					
	Sample Number	MW-14R-GW-071202			MW21-GW-071702			N3-SBMW02-GW-071702			N3-SBMW03-GW-071702			O1-SBMW02-GW-071502			O1-SBMW09-GW-071202			O1-SBMW10-GW-071202			O2-SBMW01-GW-071202			O2-SBMW01-GWD-071202			O2-SBMW04-GW-071202		
Round No. 2 (7-8-02 through 7-18-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,1-Trichloroethane	200	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,1-Dichloroethane	80	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichlorobenzene	.27	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloroethane	0.12	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloropropane	0.16	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,3-Dichlorobenzene	18	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U		150	U	
2-Butanone (MEK)	190	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
2-Hexanone	150	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acetone	61	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acetonitrile	12	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Acrolein	0.0042	20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U	
Acrylonitrile	0.037	20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U	
Allyl Chloride	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
Benzene	0.32	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromodichloromethane	0.17	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromoform	8.5	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Bromomethane	0.85	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Carbon Disulfide	100	5	U		5	U	UJ,c																								
Carbon Tetrachloride	0.16	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chlorobenzene	11	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroethane	3.6	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroform	0.627	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloromethane	2.1	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Chloroprene	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
cis-1,3-Dichloropropene	0.44	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Dibromochloromethane	0.13	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Dibromomethane	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		
Dichlorodifluoromethane	35	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Ethyl Methacrylate	55	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Ethylbenzene	3.3	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Iodomethane	5	U		5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	5	U	UJ,c	
Isobutanol	180	40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U		40	U	
Methacrylonitrile	0.1	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
Methyl Methacrylate	140	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Methylene Chloride	4.1	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Methyl-tert-butyl ether	2.6	2	U		2	U		2	U		2	U		2	U		15			2	U		7.8			8.2			2	U	
Propionitrile	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U		
Styrene	100	5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U		5	U	
Tetrachloroethene	0.63																														

Table 3-13 (Rev 1)
RFI VOCs in Shallow Groundwater Zone Data - 2002 Investigation

Shallow Zone Groundwater Sampling	Monitoring Well (well depth)	O2-SB/MW05 (25')			O2-SB/MW06 (20')			O2-SB/MW07 (26')			O2-SB/MW09 (25')			SF-SB/MW01 (21')			SF-SB/MW02 (20')		
		Sample Number	O2-SBMW05-GW-071202	O2-SBMW06-GW-071102	O2-SBMW07-GW-071202	O2-SBMW09-GW-071102	SF-SBMW01-GW-071102	SF-SBMW02-GW-071102											
Round No. 2 (7-8-02 through 7-18-02) Volatile Organic Compounds (VOCs)	RBSL Comparison Value ($\mu\text{g/L}$)	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ	Result ($\mu\text{g/L}$)	LQ	VQ
1,1,1,2-Tetrachloroethane	0.41	5	U		5	U		5	U		5	U		5	U		5	U	
1,1,1-Trichloroethane	200	5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2,2-Tetrachloroethane	0.053	5	U		5	U		5	U		5	U		5	U		5	U	
1,1,2-Trichloroethane	0.19	5	U		5	U		5	U		5	U		5	U		5	U	
1,1-Dichloroethane	80	5	U		5	U		5	U		5	U		5	U		5	U	
1,1-Dichloroethene	7	5	U		5	U		5	U		5	U		5	U		5	U	
1,2,3-Trichloropropane	0.0053	5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromo-3-chloropropane	0.2	5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dibromoethane (EDB)	0.00075	5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichlorobenzene	27	5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloroethane	0.12	5	U		5	U		5	U		5	U		5	U		5	U	
1,2-Dichloropropane	0.16	5	U		5	U		5	U		5	U		5	U		5	U	
1,3-Dichlorobenzene	18	5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dichlorobenzene	0.47	5	U		5	U		5	U		5	U		5	U		5	U	
1,4-Dioxane (p-Dioxane)	6.1	150	U		150	U		150	U		150	U		150	U		150	U	
2-Butanone (MEK)	190	10	U		10	U		10	U		10	U		10	U		10	U	
2-Hexanone	150	10	U		10	U		10	U		10	U		10	U		10	U	
4-Methyl-2-pentanone (MIBK)	14	10	U		10	U		10	U		10	U		10	U		10	U	
Acetone	61	10	U		10	U		10	U		10	U		10	U		10	U	
Acetonitrile	12	10	U		10	U		10	U		10	U		10	U		10	U	
Acrolein	0.0042	20	U		20	U		20	U		20	U		20	U		20	U	
Acrylonitrile	0.037	20	U		20	U		20	U		20	U		20	U		20	U	
Allyl Chloride	5	U			5	U		5	U		5	U		5	U		5	U	
Benzene	0.32	5	U		5	U		5	U		5	U		5	U		5	U	
Bromodichloromethane	0.17	5	U		5	U		5	U		5	U		5	U		5	U	
Bromoform	8.5	5	U		5	U		5	U		5	U		5	U		5	U	
Bromomethane	0.85	5	U		5	U		5	U		5	U		5	U		5	U	
Carbon Disulfide	100	5	U		5	U		5	U		5	U		5	U		5	U	
Carbon Tetrachloride	0.16	5	U		5	U		5	U		5	U		5	U		5	U	
Chlorobenzene	11	5	U		5	U		5	U		5	U		5	U		5	U	
Chloroethane	3.6	5	U		5	U		5	U		5	U		5	U		5	U	
Chloroform	0.627	5	U		5	U		5	U		5	U		5	U		5	U	
Chloromethane	2.1	5	U	UJ,c	5	U		5	U	UJ,c	5	U		5	U		5	U	
Chloroprene	5	U			5	U		5	U		5	U		5	U		5	U	
cis-1,3-Dichloropropene	0.44	5	U		5	U		5	U		5	U		5	U		5	U	
Dibromochloromethane	0.13	5	U		5	U		5	U		5	U		5	U		5	U	
Dibromomethane	5	U			5	U		5	U		5	U		5	U		5	U	
Dichlorodifluoromethane	35	5	U		5	U		5	U		5	U		5	U		5	U	
Ethyl Methacrylate	55	5	U		5	U		5	U		5	U		5	U		5	U	
Ethylbenzene	3.3	5	U		5	U		5	U		5	U		5	U		5	U	
Iodomethane	5	U			5	U		5	U		5	U		5	U		5	U	
Isobutanol	180	40	U		40	U		40	U		40	U		40	U		40	U	
Methacrylonitrile	0.1	10	U		10	U		10	U		10	U		10	U		10	U	
Methyl Methacrylate	140	5	U		5	U		5	U		5	U		5	U		5	U	
Methylene Chloride	4.1	5	U		5	U		5	U		5	U		5	U		5	U	
Methyl-tert-butyl ether	2.6	2	U		2	U		2	U		2	U		2	U		2	U	
Propionitrile		10	U		10	U		10	U		10	U		10	U		10	U	
Styrene	100	5	U		5	U		5	U		5	U		5	U		5	U	
Tetrachloroethene	0.63	5	U		5	U		5	U		5	U		5	U		5	U	
Toluene	75	5	U		5	U		5	U		5	U		5	U		5	U	
trans-1,2-Dichloroethene	12	5	U		5	U		5	U		5	U		5	U		5	U	
trans-1,3-Dichloropropene	0.44	5	U		5	U</													